

Amendments to the Specification:

Please amend the specification as follows:

Please replace the current title of the invention at page 1 with the following title:

METHOD FOR THE DETECTION OF MUTATIONS IN DNA

At page 8, line 29, above the sentence starting with the phrase “Figure 1 illustrates”, please insert the following subtitle:

Brief Description of the Drawings

Please amend the paragraph on page 9, lines 23-30, as follows:

-Figure 5 illustrates the cleavage of a ribo PCR product using 100% ATP in the place of dATP (according to example 5). The product is 216 basepairs with the sequence ctgggagggtgtgtctcagtgtctatggctgtgggtcggtataagtctgagcatgtctgccagggttatttgtgcctgtatgtcgctgcctcggtggcactctcgttccctccgaatgtggggcagtgcgggtgtctgccctctgcctttagacacctaa gccgcgcaggcgcccaggcaggcaggtacggccacagaagagccaaaagct (SEQ ID NO: 1) (primer sequences in bold are SEQ ID NOS: 2 and 3, respectively). The fragments generated by alkali cleavage are analysed by MALDI MS. All labeled masses correspond to expected products.